

# Electronic sound generator ES52/53

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Signaltechnik

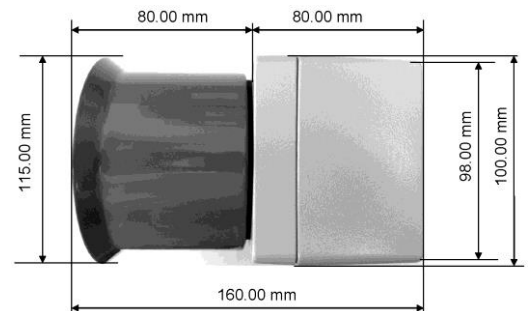
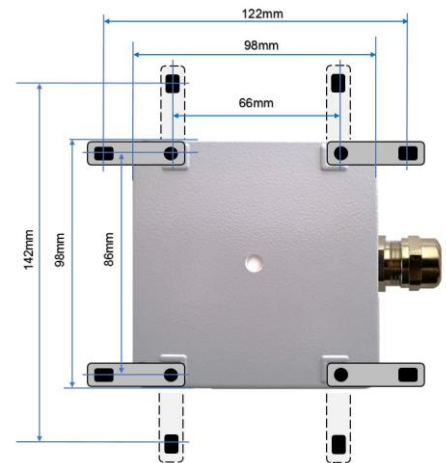
## General information

Very powerful, latest generation, heavy duty sound generator. Metal speaker, Aluminium housing, vibration and shock resistant, suitable for tropical and cold environments, indoor or outdoor, harsh environments.

User friendly programming through DOS-based software tool with graphical user interface. Flexible programming of customer specific sound-files / ES52 1 tone, ES53 storage capacity up to 14 sound files.

## Technical data

Housing	Aluminium, grey RAL7001
Loudspeaker	Aluminium, grey RAL7015
Protection	IP66 according to EN 60529
Cable entry	M16 (optional M20) or customer specific plug
Connection	spring-loaded terminals for cables with diameter up to 1,5 mm <sup>2</sup>
Programming	DOS-based software tool with UBS cable
Tones	Up to customer specification, ogg-Format
Programmable sound output settings	- Day-time volume - Night-time volume - Tone playback sequence control (ES53) - Play time - Volume increase/decrease at start/end - Repeat mode - others
Nominal tension	24VDC 230VAC/DC
Sound output	up to 122dB(A) / 1m
Operation	continuous operation
Installation angle	free
Temperature range	-40°C up to +80°C
Humidity	<90%
Weight	approx. 1,35kg (24V) / 1.50kg (230V)
Type approval	EN50155 for railway applications



Article number	Nominal tension	No. of Sounds/output	Current
ES52.024.2	14.4-33.6VDC	1 tone / max. 122dB(A)	max. 1.0A (@24VDC)
ES52.230.7	90-264VAC 120-370VDC	1 tone / max. 122dB(A)	max. 130mA (@230VAC)
ES53.024.2	14.4-33.6VDC	14 tones / max. 122dB(A)	max. 1.0A (@24VDC)
ES53.230.7	90-264VAC 120-370VDC	14 tones / max. 122dB(A)	max. 130mA (@230VAC)

## Options

Loudspeaker	External Loudspeaker
Type approval	EN 45545
Protection	IP69k
Programming	DOS-based tool for customised sound programming
Installation	Fastening set clips (4 pcs.)

Technical changes reserved

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